DPD 6679-59-a

Recent Technical Proposals or Ideas

Office of Scientific Intelligence and Development Projects Division

Boeing (Seattle) Entrance into Reconnaissance: Two (2) representatives of Boeing (Seattle) visited the Agency to inform that Boeing has decided to establish a reconnaissance division (aircraft and satellites) not tied to any missile or other system but rather to concentrate on reconnaissance per se. They advised that Boeing has committed 75-150 professionals and 2 to 5 million dollars to this task. The representatives have consulted ARPA, Air Force, and perhaps others to develop a line of effort. They suggest their interest lies in a large satellite with greater camera capability and similar improvements within the "state-of-the-art", such as microwave communications, better ELINT, etc. OSI and DPD (and perhaps others) will keep informed of Boeing progress in this field.

Development Projects Division

Raytheon Airborne Microwave Platform: A copy of the platform proposal by Ratheon to the Air Force has been made available to the offices concerned with collection for possible application of suggested collection or communication techniques. The platform would operate at 65,000 feet powered by microwave energy transmitted from the ground below. This energy would be converted to heat to drive rotor blades keeping the platform aloft. IR, ELINT, and other sensing devices as well as communications equipment would be carried on the platform. The proposal's chief purpose is to participate in early warning and communications involving enemy aircraft and IRBM attack.

Office of Communications

Missile Activity Detection and Analysis Method: The Office of Communications is now considering, primarily with the assistance of OSI, and TSS, a possible application of communications techniques to missile detection activity. In essence, the system considers the effects of missile activity on communications links between our communication stations located outside the Soviet Bloc. These links would approximately coincide with Soviet missile paths. A pilot Phase I would precede a fully instrumented Phase II; initial Phase I cost involves $35,000 for antennas and the use of inventory equipment (the antennas will be useful in general communications work).